



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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Division of Highways

JUN 14 2011


Preconstruction
Project Development and
Environmental Analysis Branch

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

June 13, 2011

MEMORANDUM TO: Jay Bennett, PE
State Roadway Design Engineer

FROM: 
Njoroge Wainaina, PE
State Geotechnical Engineer

SUBJECT: REVISED Microstation Line Style for Contaminated Properties

This is a revision to the May 9, 2011 memo introducing you to the Microstation Line Styles for Contaminated Property. The Locations and Surveys Unit reviewed the May 9th memo and noted the term "Boundary" was used in the level names and on the Conventional Plan Sheet Symbols legend. Locations and Surveys recommended against using the term "Boundary" as "Boundary" carries legal connotations that imply the area has been surveyed by a Registered Land Surveyor. Based on their recommendation, "Boundary" will be replaced by "Area" in the level names, and the Conventional Plan Sheet Symbols legend and level names will be revised as follows:

(1) Known Soil Contamination: ~~Boundary~~ Area or Site,



(2) Potential Soil Contamination: ~~Boundary~~ Area or Site,



(3) Underground Storage Tank, Approximate Location



(4) Geoenvironmental Boring.



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CENTURY CENTER COMPLEX
BUILDING B
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

As noted in the May 9th memo, during the Project Development stage of a project, our unit will create a design file named TIP_geo_env.dgn to define areas of contamination based on existing data. This design file will reside on the Project Store server under \TIP\Geotech\Geoenvironmental and is to be referenced to Roadway's design file. The GeoEnvironmental design file will be updated based on our field investigation of each site prior to right of way acquisition. Our intent is to identify areas of concern on the plans so that all project contributors can make better decisions in regard to contaminated soil and ground water.

NWW:cfp

Cc:

Preconstruction

Division Engineers

Right of Way Branch